

ABSTRACT OF THE DISCLOSURE

In a method for testing the visual field of a patient especially the central visual field, stereoscopic or binocularly displaced fixation images are presented under computer control to the respective eyes of the patient. In addition, a series of test images viewable by only one of the 5 patient's eyes is generated under the control of the computer. The fixation images, one for each eye, are presented on two separate electronic displays, while the test images may be produced on a third display member different from the electronic displays. The computer is programmed to precisely determine a boundary between points corresponding to unseen test images and points corresponding to seen test images, by automatically testing additional points in a region located 10 about the curve and between points corresponding to unseen test images and points corresponding to seen test images.